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(54) Title: **LIPIDS FROM METHANOTROPHIC BACTERIA FOR CHOLESTEROL REDUCTION**

(57) Abstract: The present invention provides the use of lipids from methanotrophic bacteria for the manufacture of a composition for oral administration for use in the treatment of animal subjects to reduce plasma cholesterol levels therein or to reduce the ratio of LDL to HDL cholesterol in the plasma thereof. The composition is also useful for increasing plasma docosahexaenoic acid and as immuno-protectant.

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